

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: 276 °C

Global applicability domain: Outside

Local applicability domain index: 1.69e-01

Confidence level: 7.63e-01

Nearest Neighbors from the Training Set

[Image not found](#)

Diphenylurea

Measured: 262

Predicted: 269

[Image not found](#)

N-(4-Bromophenyl)urea

Measured: 260

Predicted: 256

[Image not found](#)

Benzoic acid, 2-phenylhydrazide

Measured: 314

Predicted: 306

[Image not found](#)

1-Phenylurea

Measured: 238

Predicted: 247

[Image not found](#)

2-Nitrobenzamide

Measured: 317

Predicted: 310